

PERFORMANCE DATA

SABRE 34 EXPRESS, Z-003 - Yanmar 6LY3-UTP (380-mHp) HARD AFT ENCLOSURE

	RPM	SPEED (kts.)	GPH	NM/G	RANGE (nm)	dBA Salon	dBA Helm Deck	dBA Aft Cockpit
Idle	700	4.8	0.6	8.00	1800	68	64	
	1000	6.5	1.1	5.91	1330	68	64	
	1500	8.9	4.0	2.23	501	68	67	
	2000	13.9	12.3	1.13	254	73	71	
	2500	21.4	18.7	1.14	257	77	75	
	2800	25.9	22.6	1.15	258			
	3000	28.1	27.6	1.02	229			
	3100	29.0	29.6	0.98	220			
	3200	30.0	32.5	0.92	208			
	3300	31.0	35.0	0.89	199			
WOT	3340	31.3	35.6	0.88	198	85	81	

Time to Boost: 6 seconds
 Time to Plane: 7 seconds
 Time to WOT: 21 seconds

Notes: Based on performance measured 08/21/2006 with 3 crew (~670lbs.), full fuel (250gal.), full water (60gal.) with Hard Aft Enclosure, 100lbs. of tools.
 Sunny, Wind - NW at < 8kts., Ambient Air Temp.: 84deg.F.
 Seas flat with light ripple., Sea Water Temp.: 68deg.F.
 Speed measured by GPS. Average of reciprocal runs in Broad Sound, Casco Bay, ME **using some trim tabs.**
 Engines: 2/ea. Yanmar 6LY3-UTP (380-mhp @ 3300 rpm) with 1.962:1 ZF 85A reduction gears.
 Propellers: 22" X 25", ZF FPS (0.85 DAR) X 1.75"bore, 4-blade, NiBrAl, #3-light cup.
 Fuel Consumption calculated by integral Yanmar engine fuel flow gauging equipment.
 Range based on 90% of 250gal. fuel capacity.
 Yanmar recommended max. continuous cruise speed is @ 3198 RPM.
 Performance data is subject to change depending on tankage, temperature and other factors.

